

3.600 St. Louis County
West Lake Sanitary Landfill - *Env*

JOHN ASHCROFT
Governor

FREDERICK A. BRUNNER
Director



STATE OF MISSOURI
DEPARTMENT OF NATURAL RESOURCES

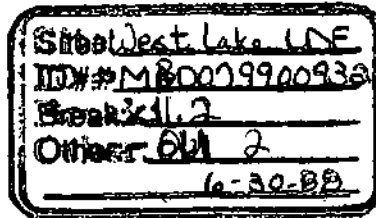
DIVISION OF ENVIRONMENTAL QUALITY

St. Louis Regional Office
8460 Watson Road, Suite 217
St. Louis, MO 63119
314-849-1313

W711? recorded
Division of Energy
Division of Environmental Quality
Division of Geology and Land Survey
Division of Management Services
Division of Parks, Recreation,
and Historic Preservation

June 30, 1988

Mr. W. E. Whitaker, President
West Lake Landfill, Inc.
13570 St. Charles Rock Road
Bridgeton, MO 63044



RECEIVED
JUL 5 1988

WASTE MANAGEMENT
PROGRAM

Dear Mr. Whitaker:

Enclosed is a report of an inspection conducted by Mr. Kevin Arnold of my staff. The report contains recommendations which the inspector has determined are warranted based on his findings at the facility.

Please review the report and implement the recommendations presented. Should you have any questions or comments, please contact me.

Sincerely,

ST. LOUIS REGIONAL OFFICE

Stuart Bean

Stuart Bean
Chief, Solid Waste Management Unit

SB:KA:ps

Enclosure

cc: Central Office - WMP
City of Bridgeton
St. Louis County Health Department - Mr. Ron Darling

40249213



SUPERFUND RECORDS

DNR 0049

3.600 St. Louis County
West Lake Sanitary Landfill

SOLID WASTE FACILITY INSPECTION REPORT

FACILITY

West Lake Sanitary Landfill
St. Louis County
Sanitary Landfill
MO DNR Permit # 118912

INTRODUCTION:

An inspection was conducted of the West Lake Sanitary Landfill on June 28, 1988, to assess compliance with applicable requirements pursuant to the Missouri Solid Waste Management Law. Mr. Erich Albrecht, Maintenance Supervisor, represented the facility. Mr. Steve Tullos represented the St. Louis County Department of Health. Mr. Kevin Arnold represented the Missouri Department of Natural Resources.

FINDINGS:

1. The general overall condition of the facility was acceptable.
2. Uncontrolled vehicular traffic across the previously filled portions of the landfill is damaging the soil cover.

DISCUSSION:

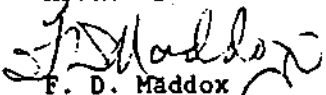
The condition of the landfill was indicative of improved operations. This observation was based on the unsatisfactory features as indicated during the inspection of March 16, 1988. Daily waste coverage and litter control procedures appeared good. Wastes were no longer being allowed to contact surface water.

Unrestricted vehicle traffic across the previously filled and covered sections of the landfill had damaged the cover layer exposing small quantities of landfilled wastes. This practice must be curtailed before erosion occurs allowing wastes to be scattered further. All traffic must be confined to a single lane over the landfill surface. This will allow the waste cover to remain undisturbed while providing a single more easily maintained roadway.

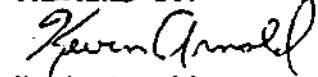
RECOMMENDATION:

1. Restrict traffic to a single, properly marked, lane.
2. Recover all damaged areas to contain the wastes deposited there before wind and water erosion causes trash scattering.
3. Continue improving overall landfill operations.

APPROVED BY:


F. D. Maddox
Regional Administrator
St. Louis Regional Office

PREPARED BY:


Kevin Arnold
Environmental Specialist
St. Louis Regional Office

FDM:KA:ps

MISSOURI DEPARTMENT OF NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL QUALITY

Annual Inspection ☐
Reinspection ☒

SANITARY LANDFILL SURVEILLANCE RECORD

Date: JUNE 28, 1988 Days/Week Open: 6
Name of Sanitary Landfill: WEST LAKE SANITARY LANDFILL
Permit No: 118912 County: ST. LOUIS
Owner: WEST LAKE LANDFILL, INC. Operator: WEST LAKE LANDFILL, INC.
Address: 13570 ST. CHARLES ROCK ROAD Address: SAME
BRIDGETON MO. 63042 (314) 739-1122

I. Special Conditions and Approved Modifications

A. Are there any special conditions or approved modifications of the satisfactory compliance subsections of the rules and regulations? (e.g. impermeable barrier, limited excavation, exceptions to daily cover requirements)
X Yes No

B. Is the sanitary landfill operation in compliance with the special conditions or approved modifications? (If "No," describe violations under "REMARKS.")
X Yes No

II. Check Types of Waste Accepted

	INDICATED ON PERMIT APPLICATION	REPORTED BY OPERATOR	AS OBSERVED
Municipal solid waste	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Bulky waste	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Dead animals	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Incinerator residue	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Demolition and construction waste	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Brush and untreated wood waste	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Septic tank pumpings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wastewater treatment plant sludges	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OTHER SLUDGES (SPECIFY)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LIQUIDS (SPECIFY)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
INDUSTRIAL PROCESS WASTES (SPECIFY)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
HAZARDOUS WASTES (SPECIFY)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OTHER WASTES (SPECIFY)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

III. Remaining Life of Landfill

- A. Estimated amount of solid waste coming through gate.
Compacted loads 2500 yds/wk tons/wk
Noncompacted loads yds/wk tons/wk
- B. Estimated volume of remaining landfill covered by approved engineering plans.
 acre feet 524 years

INSPECTION FORM
DISTRIBUTION LIST

Owner
Operator
City BRIDGETON
County Court
Consulting Engineer
Solid Waste Program
Regional Office File
Others ST. LOUIS CO. HEALTH DEPT. WMP
ATTN: RONALD DARLING

IV. Satisfactory Compliance Subsections Regulations 80-J.010

Check all subsections: T — Satisfactory; UNS — Unsatisfactory. (If necessary describe "UI" violations under "Remarks.")

SUBSECTION NUMBER	SATISFACTORY COMPLIANCE OPERATING PROCEDURE	SAT	UNS
SOLID WASTE ACCEPTED			
(12)(C)2	Bulky solid waste crushed on solid ground and pushed onto working face near bottom of the cell.	X	
(12)(C)3	Small dead animals covered immediately with soil or solid waste. Large dead animals placed in pit and covered with four feet compacted soil.	X	
(12)(C)4	Disposal of dewatered sludges on working face along with municipal solid waste.	X	
(12)(C)5	Incinerator and air pollution control residues prevented from becoming airborne.	X	
(13) SOLID WASTE EXCLUDED			
(13)(C)1	No unpermitted waste accepted.	X	
(13)(C)2	Sign posted at entrance listing excluded wastes.	X	
(14) SITE SELECTION			
(14)(C)1	Site accessible in all weather conditions. Temporary roads provided for delivery to working face.	X	
(16) WATER QUALITY			
(16)(C)1	Surface water courses and runoff properly diverted from the landfill. Sanitary landfill construction and grading to promote rapid surface water runoff without excessive erosion.	X	
(16)(C)2	Leachate collection and treatment systems utilized where necessary to protect ground and surface water resources.	X	
(16)(C)3	No ground or surface water in contact with solid waste.	X	
(17) AIR QUALITY			
(17)(C)1	No open burning without written permission of the proper air pollution agency and the Division.	X	
(18) GAS CONTROL			
(18)(C)1	Implementing decomposition gas control plan as necessary to prevent problems.	X	
VECTORS			
(19)(C)1	Vector control programs implemented when necessary to prevent or rectify vector problems.	X	
(10) AESTHETICS			
(10)(C)1	Litter control devices utilized near working face and elsewhere as needed. Litter collected from fences, and the ground surface, and incorporated into the daily cell at the end of each day or containerized.	X	
(10)(C)2	Wastes easily moved by wind covered as necessary to prevent their becoming airborne and scattered.	X	
(10)(C)3	On-site vegetation and natural windbreaks being utilized to improve appearance and operation of the sanitary landfill.	X	

SUBSECTION NUMBER	SATISFACTORY COMPLIANCE OPERATING PROCEDURE	SAT	UNS
(10) AESTHETICS (Continued)			
(10)(C)4	Salvaged materials removed daily or stored in aesthetically acceptable containers or enclosures.	X	
(11) COVER MATERIAL			
(11)(C)1	Daily cover applied regardless of weather in not less than a six inch layer. Cover material available in all weather conditions.	X	
(11)(C)2	Intermediate cover applied to all areas idle for more than 60 days in a layer not less than one foot after compaction.	X	
(11)(C)3	Final cover applied on each area as completed in a layer not less than two feet after compaction.	X	
(12) COMPACTION			
(12)(C)1	Adequate equipment on-site, operated daily.	X	
(12)(C)1A	Solid waste spread in layers not to exceed two feet and confined to smallest practical area.	X	
(12)(C)1B	Wastes compacted to smallest practical volume.	X	
(12)(C)1C	Cover material compacted as much as practical.	X	
(12)(C)2	Preventive maintenance performed.	X	
(12)(C)3	Daily task operating manual provided.	X	
(13) SAFETY			
(13)(C)1	Fire extinguishers provided on all equipment.	X	
(13)(C)2	Provisions for extinguishing fires in waste, equipment, and structures.	X	
(13)(C)3	Communication equipment available.	X	
(13)(C)4	Scavenging prohibited.	X	
(13)(C)5	Controlled access to site by established roadways and limited to hours when operating personnel are on duty.	X	
(13)(C)6	Traffic controlled and directed to designated disposing points.	X	
(13)(C)7	Site dust controlled for safety purposes and to prevent nuisances.	X	
(14) RECORDS			
(14)(C)1A	Records of major problems and complaints.	X	
(14)(C)1D	Monitoring record maintained. a. leachate sampling and analyses. b. gas sampling and analyses. c. ground and surface water analyses.	X	
(14)(C)1C	Records of vector control efforts.	X	
(14)(C)1D	Records of dust and litter control efforts.	X	
(14)(C)1E	Records of quantity of waste handled.	X	
(14)(C)1F	Records of description, sources, and volume of special wastes listed in Subsection (3)(A).	X	

V. Operation Proceeding In Accordance with Approved Engineering Plans? (If "NO," describe violations under "Remarks.")

X Yes No

REMARKS PREVIOUSLY FILLED/COMPACTED/COVERED AREAS NEED TO HAVE UNNECESSARY TRAFFIC DIVERTED AWAY.
TRAFFIC FLOW SHOULD BE CONFINED TO ONE ESTABLISHED LANE TO PREVENT DAMAGE TO SURFACE COVER.
EVIDENCE OF SURFACED WASTES VISIBLE ON/AROUND DRIVE AREAS.

(Attach additional sheets as necessary.)

BY

Kevin J. Arnold
 SIGNATURE OF INVESTIGATOR